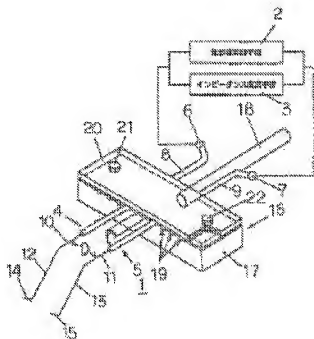


# **ELECTRODE DEVICE FOR TRANSDUCING GENE AND DEVICE FOR TRANSDUCING GENE**

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**Classification:**  
**- international:** *C12M1/00; C12N15/09; C12N5/00; C12N5/10; C12R1/91; C12M1/00; C12N15/09; C12N5/00; C12N5/10; (IPC1-7): C12M1/00; C12N15/09; C12N5/10; C12N5/10; C12R1/91*  
**- european:**  
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## **Abstract of JP 11290058 (A)**

**PROBLEM TO BE SOLVED:** To provide an electrode device used for transducing a gene and capable of locally, safely and effectively transducing the gene, and to provide a device for transducing the gene. **SOLUTION:** The electrode device for transducing a gene is provided with a pair of electrodes 4, 5 and a holder for holding a pair of the electrodes so as to enable the alteration in the distance between a pair of electrodes. The respective electrodes have sheaths 8, 9 comprising an insulating material and conductors 10, 11 penetrating the sheaths, respectively. An inclined portion outward extended from the sheath and bent to the sheath and a contact 14 or 15 bent and continued to the inclined portion and used for bringing into contact with a target to be transduced are formed in each conductor 10 or 11. DC pulses are applied to the electrodes 4, 5 to generate electroporation.



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